



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. **FAB164320XT/004**

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Iron castings
<i>Type</i>	Grey and Spheroidal Graphite Iron
<i>Manufacturer</i>	DIKKAN METAL ÜRÜNLERİ SAN.TIC. A.S.
<i>Place of manufacture</i>	KEMALPASA ASFALTI NO:30 HAYITLIKIR MEVKII ULUCAK KÖYÜ, KEMALPASA,IZMIR TURKEY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **ISTANBUL** on **January 27, 2021**. *This Certificate is valid until* **January 26, 2026**

 **Volkan Kaya**
Marine Surveyor
RINA Istanbul
28462

RINA Services S.p.A.
Volkan Kaya

This certificate consists of this page and 1 enclosure

CERTIFICATE OF APPROVAL OF MANUFACTURERS OF MATERIALS

No. **FAB164320XT/004**

Enclosure - Page 1 of 1

Grey and Spheroidal Graphite Iron

APPROVAL CONDITIONS

Product Description: Grey and Spheroidal Graphite Iron

Spheroidal Graphite : GGG 40, GGG 50, GGG 60, GGG 70, GGG 40.3, GGG 35.3

Lamellar Graphite : GG 25

Casting Weight: 2000 kg.

Casting method : Sand Casting

Delivery condition : Heat treated (Tempering)

Survey conditions: all castings to be used for construction of ships classed with RINA are to be in compliance with the requirements of the RINA Rules and are to be tested accordingly.

General conditions for the approval

-The approval is granted on condition that the RINA Rules for the approval, manufacture, testing and certification of materials are complied with in all respects.

-RINA is to be notified of any change of materials, manufacturing process, quality control routines that may affect the validity of this certificate.

ISTANBUL 27/01/2021